

O I R E S C I E S  
JAN 24 2002  
P A T E N T & T R A D E M A R K C O M M I S S I O N

ATTORNEY DOCKET NO. 21676-05433 (CT-53)

PTO/SB/01A (10-00)  
Approved for use through 10/31/2002, OMB 0651-0032  
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## DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76)

As the below named inventor(s), I/we declare that:

This declaration is directed to:

- The attached application or  
 Application No. 09/963,351, filed on September 25, 2001,  
 as amended on \_\_\_\_\_ (if applicable);

I/we believe that I/we am/are the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought;

I/we have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment specifically referred to above;

I/we acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me/us to be material to patentability as defined in 37 CFR 1.56, including material information which became available between the filing date of the prior application and the National or PCT International filing date of the continuation-in-part application, if applicable; and

All statements made herein of my/our knowledge are true, all statements made herein on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001, and may jeopardize the validity of the application or any patent issuing thereon.

### FULL NAME OF INVENTOR(S)

Inventor one: Syed Abbas Citizen of: Pakistan

Signature: *Syed Abbas* Date: 12/15/2001

Inventor two: Guozhu Long Citizen of: United States

Signature: *Guozhu Long* Date: 12/11/2001

Inventor three: \_\_\_\_\_ Citizen of: \_\_\_\_\_

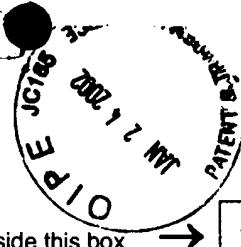
Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Inventor four: \_\_\_\_\_ Citizen of: \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Additional inventors are being named on \_\_\_\_\_ additional form(s) attached hereto.

Burden Hour Statement: This collection of information is required by 35 U.S.C. and 37 CFR 1.63. The information is used by the public to file (and the PTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This form is estimated to take 1 minute to complete. This time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.



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PTO/SB/81 (10-00)

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**POWER OF ATTORNEY OR  
AUTHORIZATION OF AGENT**

<b>Application Number</b>	09/963,351
<b>Filing Date</b>	September 25, 2001
<b>First Named Inventor</b>	Syed Abbas et al.
<b>Title</b>	ROBUST SIGNALING TECHNIQUES IN MULTICARRIER SYSTEMS
<b>Group Art Unit</b>	2681
<b>Examiner Name</b>	UNASSIGNED
<b>Attorney Docket Number</b>	21676-05433 (CT-53)

I hereby appoint:

Practitioners at Customer Number

**OR**

Practitioner(s) named below:

00758



Name(s)	Registration Number(s)
Greg T. Sueoka	33,800
Eileen A. Lehmann	39,272
Brian M. Hoffman	39,713
Neil F. Maloney	42,833
Kirk A. Gottlieb	42,596

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Please change the correspondence address for the above-identified application to:

The above-mentioned Customer Number.

I am the:  Applicant/Inventor    OR     Assignee of record of the entire interest. See 37 CFR 3.71.  
*Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).*

Name	Syed Abbas
Signature	
Date	12/15/2001

I am the:  Applicant/Inventor    OR     Assignee of record of the entire interest. See 37 CFR 3.71.  
*Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).*

Name	Guozhu Long
Signature	
Date	12/11/01

I am the:  Applicant/Inventor    OR     Assignee of record of the entire interest. See 37 CFR 3.71.  
*Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).*

Name	
Signature	
Date	

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below\*.

\*Total of one form is submitted.